

Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

Setup Beads

Bead Product: CST Setup Beads, **Part #:** 910723
Lot ID: 51739, **Expiration Date:** 01/31/2016
Bead Lot Information: Available

Detector Settings

Laser	Detector	Parameter	PMTV	New Target Value	Old Target Value	Bright Bead %Robust CV	Mid Bead Median Channel	Mid Bead % Robust CV	Dim Bead Median Channel	Dim Bead % Robust CV
Blue	FSC	FSC	574	125000	N/A	1.09	134368	1.04	21907	2.68
Blue	F	SSC	479	125000	N/A	2.35	124305	2.07	61887	1.42
Blue	E	FITC	505	17083	N/A	2.15	961	7.83	106	30.01
Blue	D	PE	503	24195	N/A	1.73	1093	7.06	228	20.59
Blue	B	PerCP-Cy5-5	575	64158	N/A	2.37	1697	11.31	210	33.94
Blue	A	PE-Cy7	635	76341	N/A	3.34	1009	21.63	79	80.01
Red	C	APC	568	61782	N/A	2.36	3498	7.52	329	24.63
Red	A	APC-Cy7	547	92681	N/A	2.38	1841	7.28	118	34.97
Violet	B	CF-BLUE	449	13115	N/A	2.78	809	6.81	85	36.68
Violet	A	V500	474	46454	N/A	2.32	2620	4.76	172	18.25

Detector Settings (Continued)

Laser	Detector	Parameter	Linearity Min Channel	Linearity Max Channel	Slope	Intercept	Electronic Noise Robust SD	Qr	Br
Blue	FSC	FSC	N/A	N/A	0.0040	2.9	N/A	N/A	N/A
Blue	F	SSC	N/A	N/A	7.1863	-14.2	N/A	N/A	N/A
Blue	E	FITC	46	237926	7.3206	-15.6	20.7	0.0319	0
Blue	D	PE	48	235919	7.2497	-15.2	22.5	0.2068	71
Blue	B	PerCP-Cy5-5	160	233493	7.3403	-15.5	21.6	0.0149	0
Blue	A	PE-Cy7	90	234761	7.4119	-15.9	21.6	0.0195	0
Red	C	APC	123	236718	7.3671	-15.5	18.2	0.0248	37
Red	A	APC-Cy7	118	240084	7.3832	-15.3	17.4	0.0056	794
Violet	B	CF-BLUE	42	238156	7.3600	-15.4	14.4	0.0680	1970
Violet	A	V500	83	241992	7.5554	-15.6	13.8	0.0199	33

Specifications

Violet Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Blue Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)
Red Laser Primary Channel Bright Bead %Robust CV: 6.00 (Recommended)

Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

Laser Settings

Laser	Power (mW)	Power Spec. (mW)	Current (mA)	Current Spec. (mA)	Delay (Trigger on FSC)	Delay (Trigger on Fluorescence)	Area Scaling Factor
Violet	59.62	47.70 - 71.54	N/A	N/A	-31.35	-31.20	0.88
Blue	20.46	16.35 - 24.53	1.25	1.00 - 1.50	0.00	0.00	1.27
Red	16.65	13.07 - 19.61	N/A	N/A	31.81	32.03	1.12

Window Extension: 7.00
FSC Area Scaling Factor: 0.88

Threshold

Threshold (FSC): 15930

Fluidics

FACSFlow Pressure: 3.90 Sample Pressure: 3.60
Spec.: 3.80 - 4.00

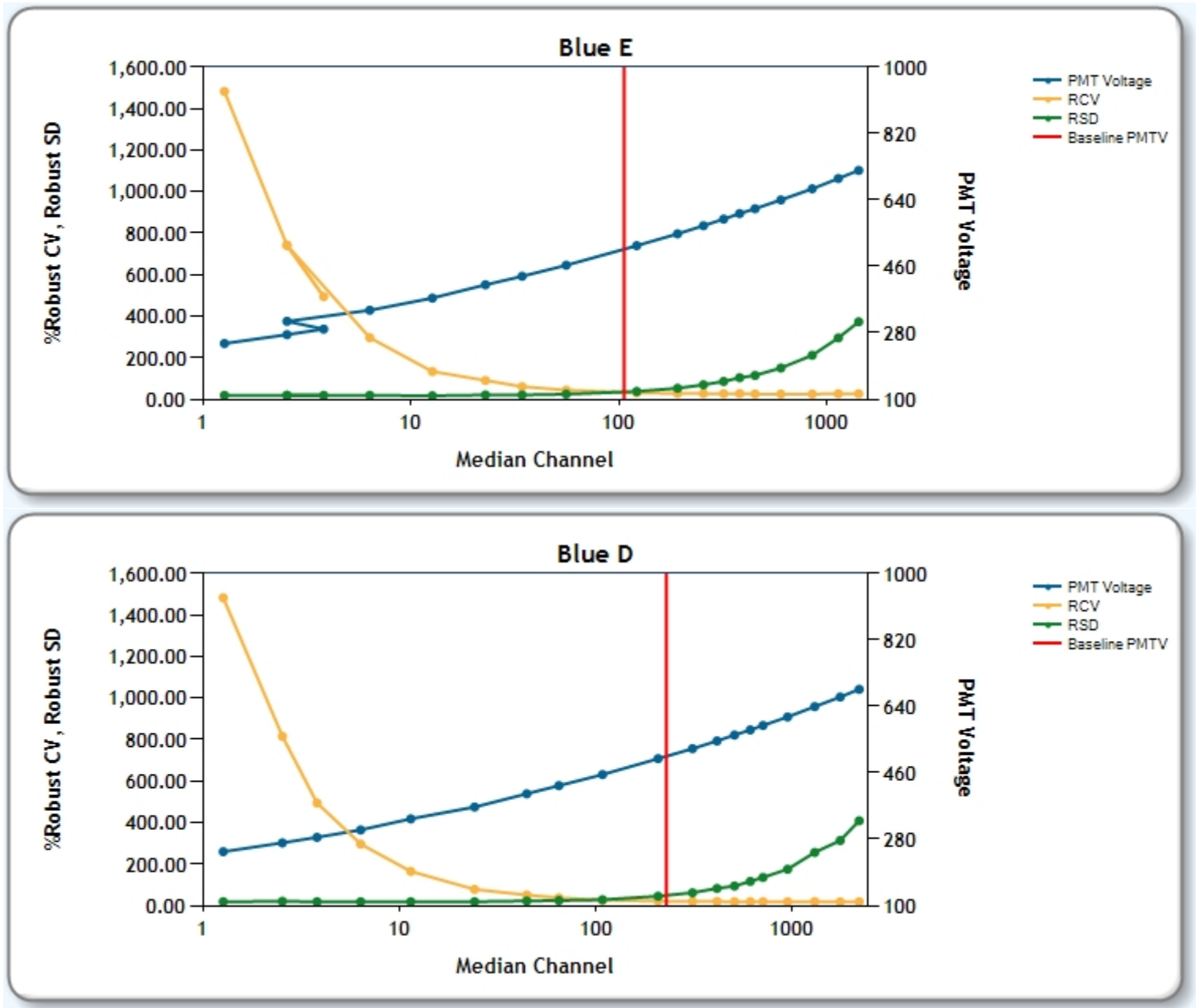
Comments

Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

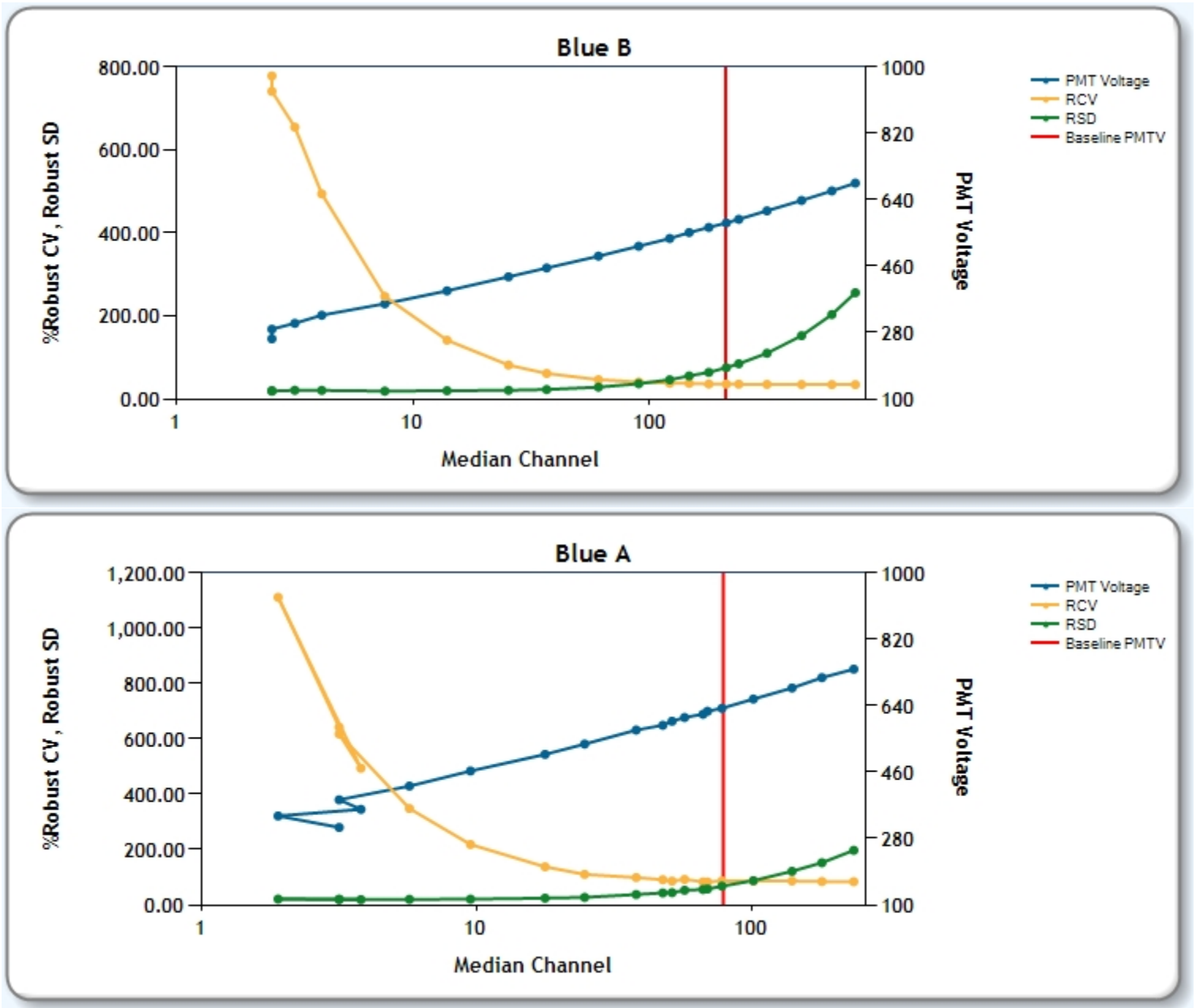
PMTV Optimization Results



Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

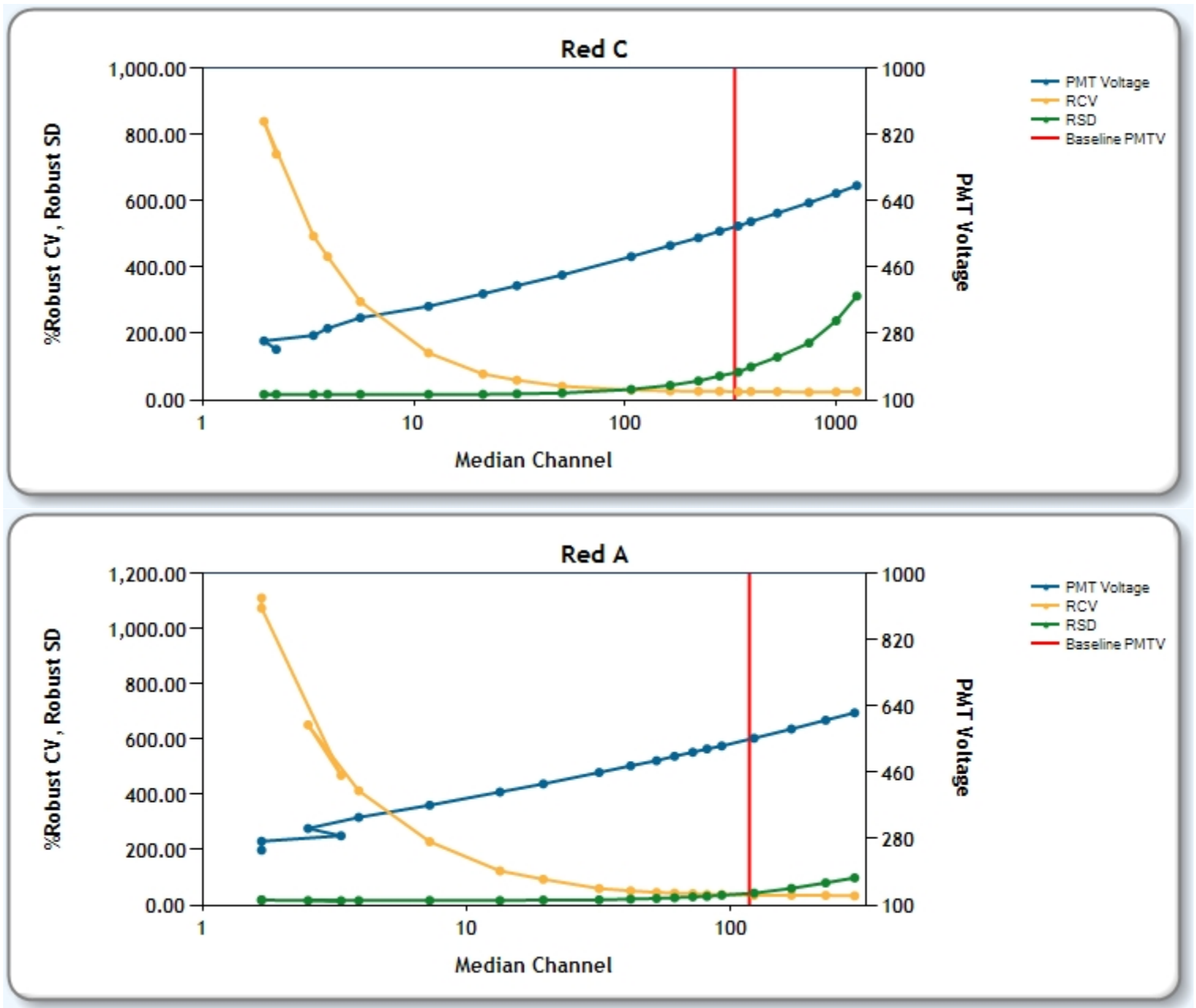
User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM



Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

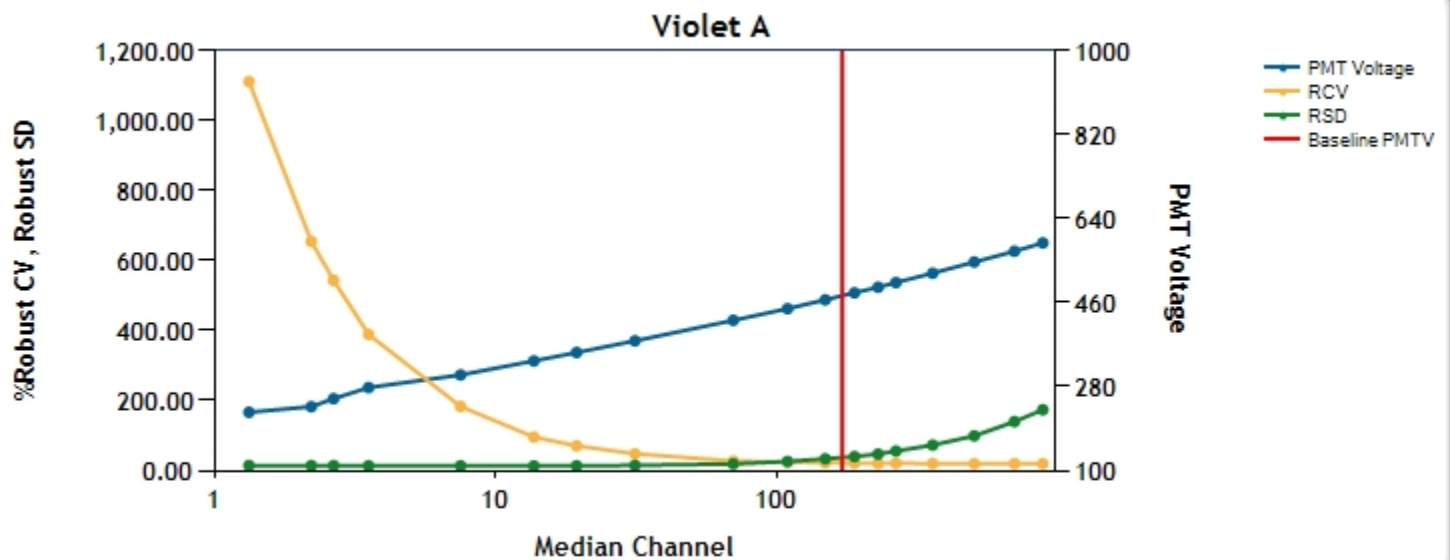
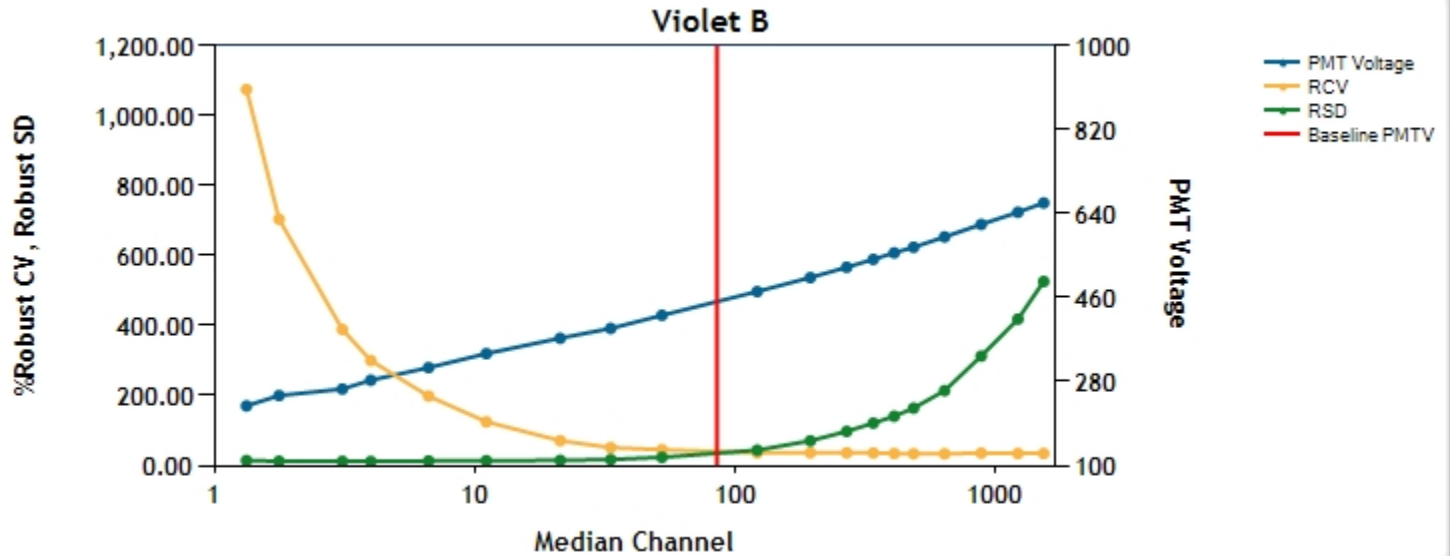
User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM



Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

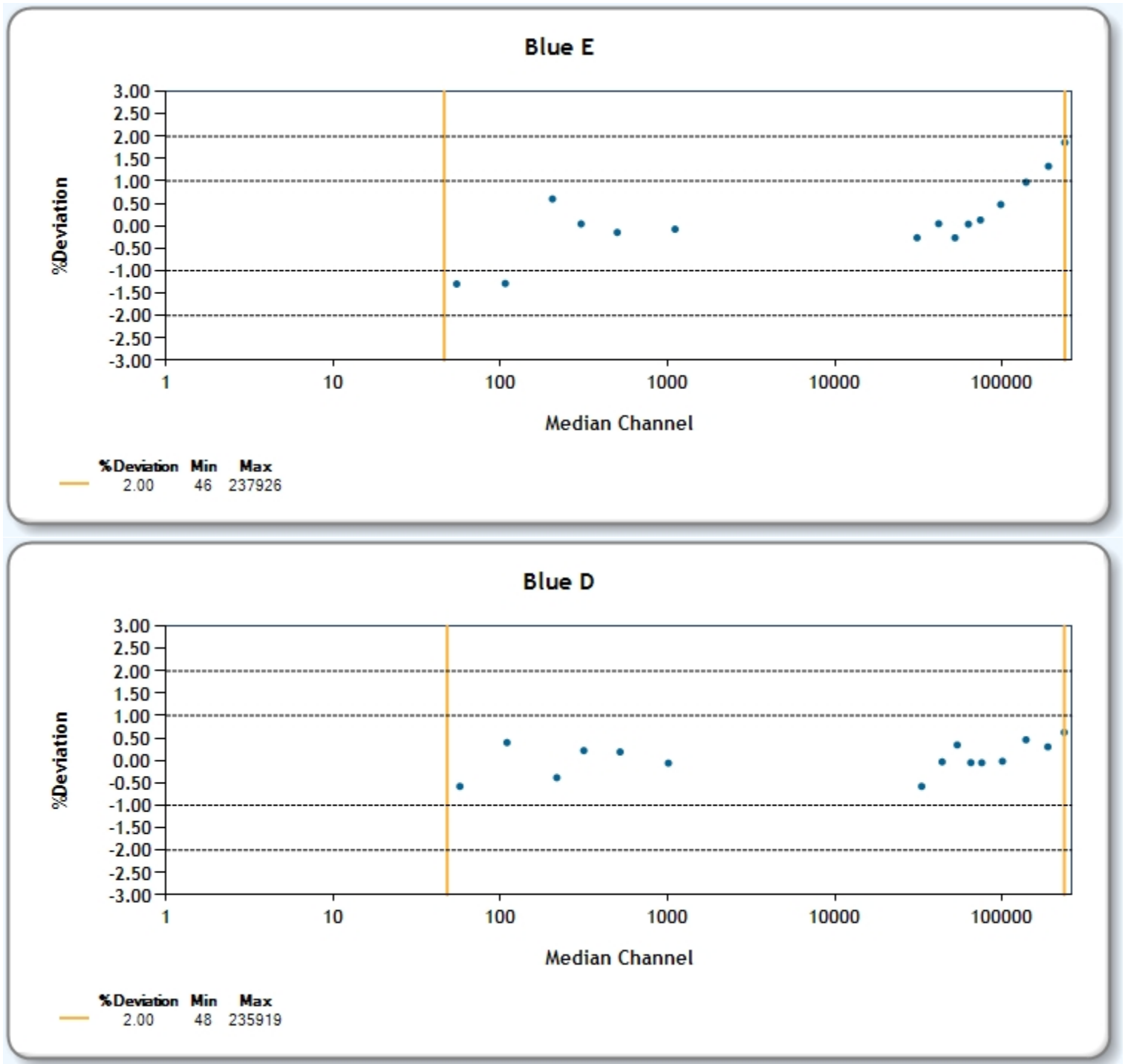


Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

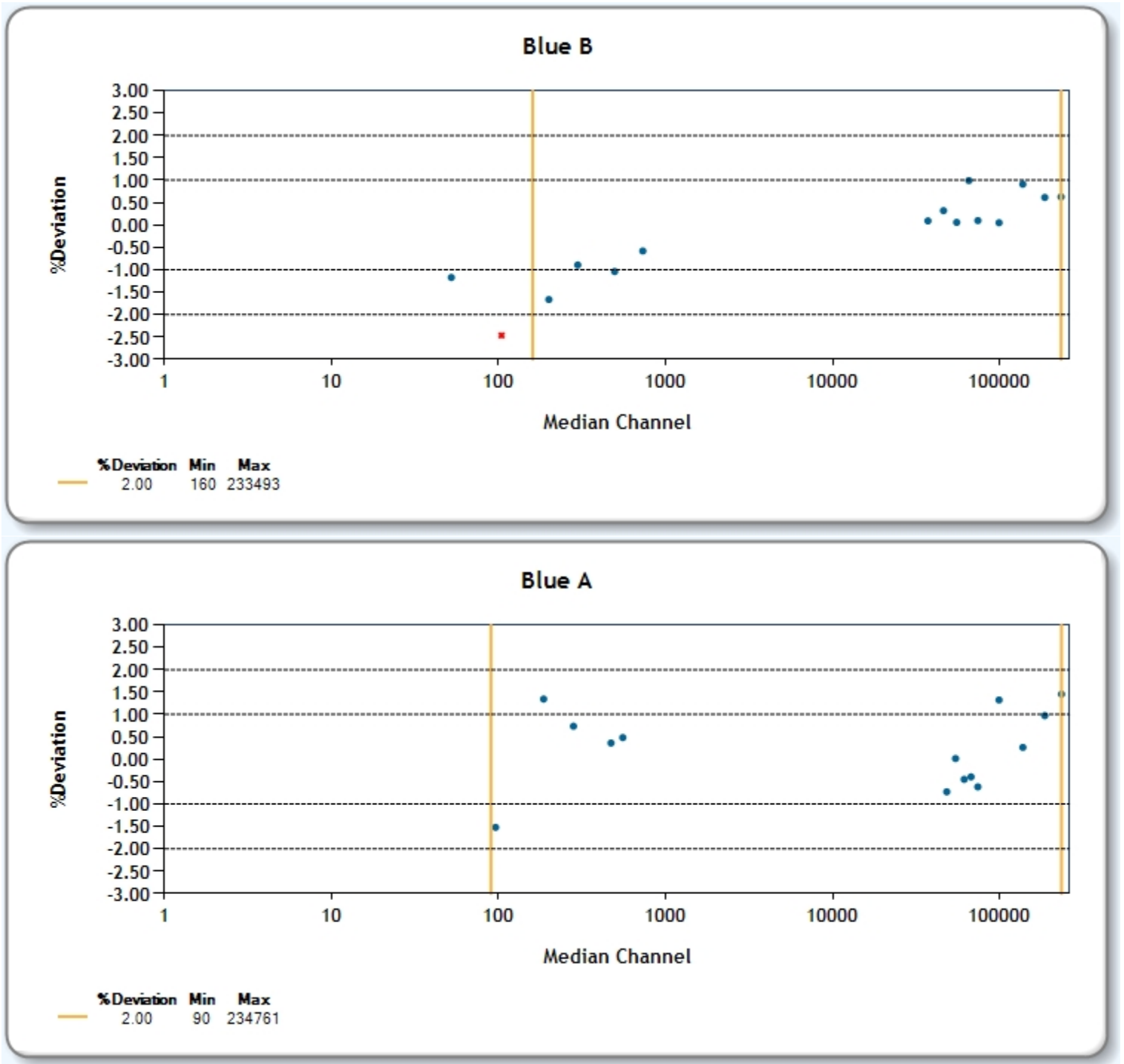
Linearity Results



Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

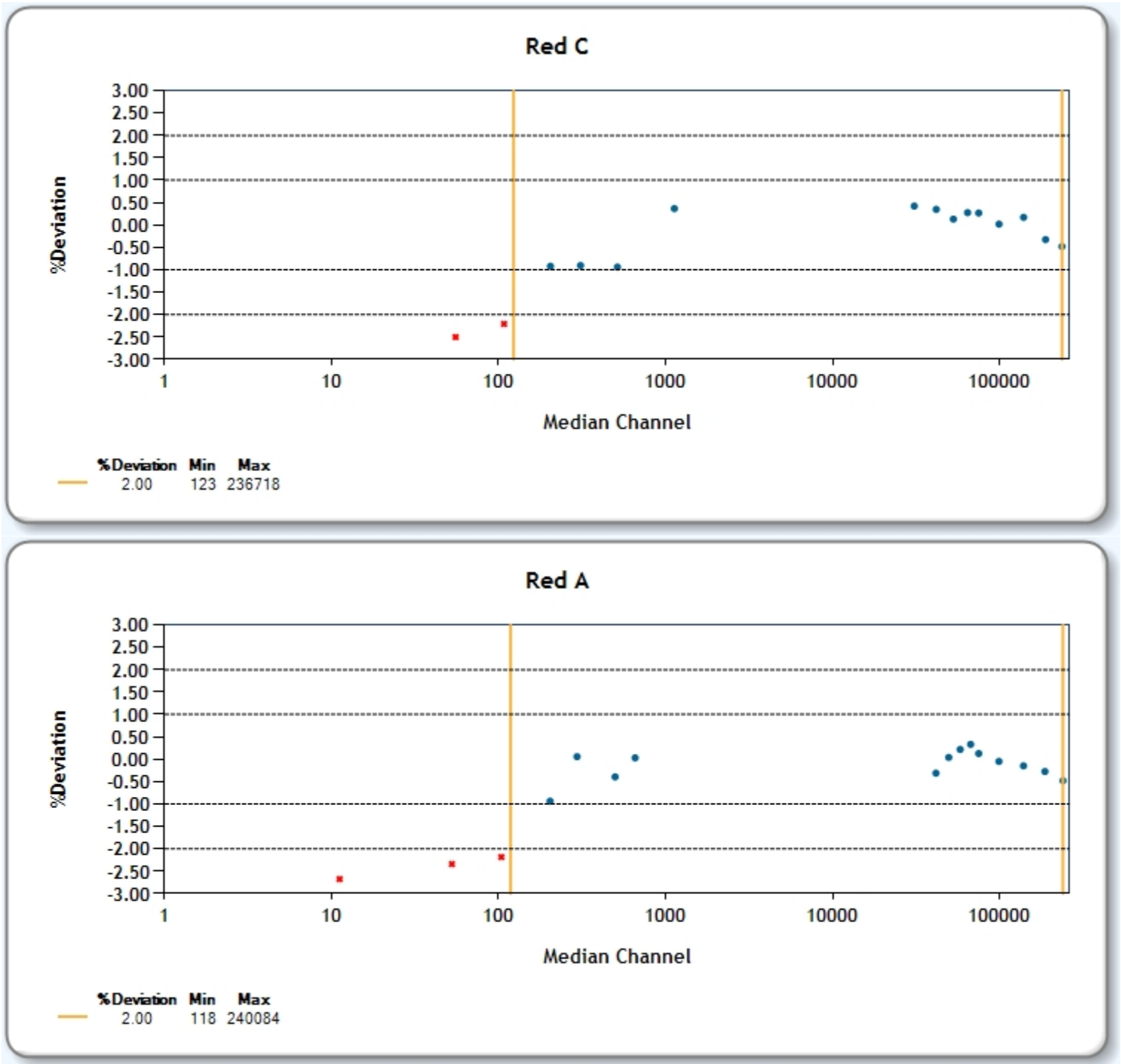
User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM



Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

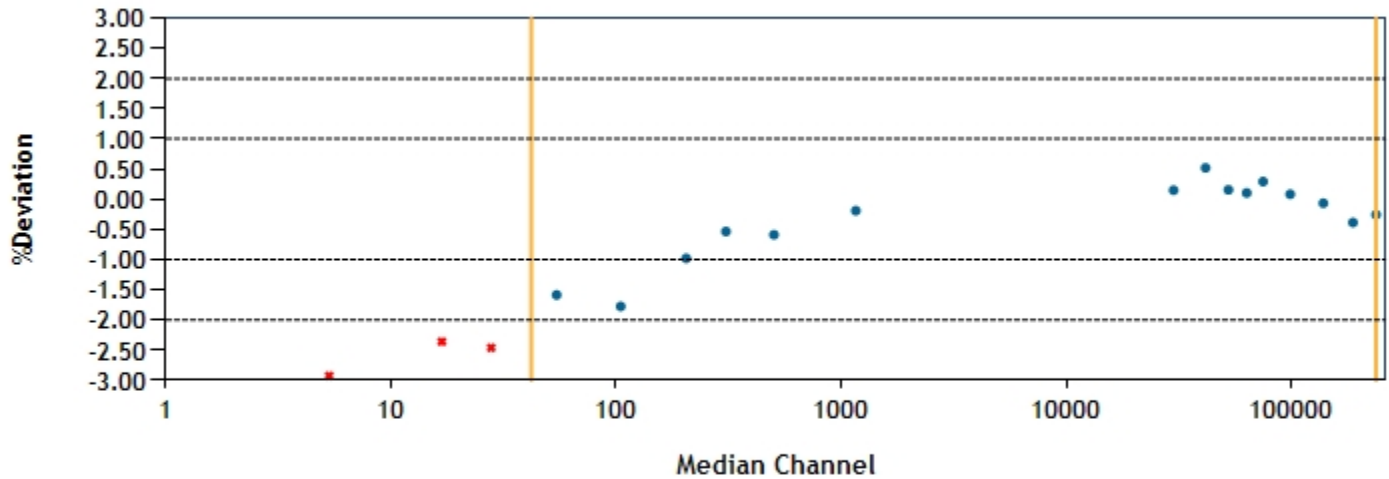


Cytometer Baseline Report

Cytometer: FACSCantoII
Cytometer Name: FACSCantoII
Serial Number: V33896201821
Input Device: Carousel
Tube Loaded Manually: Yes
Cytometer Configuration: Euroflow PLUS 3-laser, 8-color (4-2-2)

User: Administrator
Institution: N/A
Software: BD FACSDiva 6.1.3
Date: 09/08/2014 01:08 PM

Violet B



Violet A

